

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:) GAU: Unassigned
)
M. Takada, H. Minoura,) Examiner: Unassigned
K. Tsukada, H. Kobayashi and)
M. Kondo) INFORMATION DISCLOSURE
) STATEMENT
Application No.: 09/380,994)
Filed: September 13, 1999) 2600 Aramark Tower
1101 Market Street
For: PRINTED WIRING BOARD AND) Philadelphia, PA 19107
METHOD FOR MANUFACTURING)
THE SAME)
_____))
)

The Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING
I hereby certify that this correspondence is
being deposited with the United States Postal
Service First Class Mail in an envelope
addressed to: Box Patent Application, The
Assistant Commissioner for Patents,
Washington, D.C. 20231, on December 13, 1999.
Madelyn C. Vogt
Madelyn C. Vogt

Sir:

Applicants submit herewith patents, publications or other
information [attached hereto and listed on the attached Form
PTO-1449 (modified)] of which they are aware, which they
believe may be material to the examination of this application
and in respect of which there may be a duty to disclose in
accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) [] accompanies the new patent application submitted
herewith. 37 CFR § 1.97(a).
- (b) [X] is filed within three months after the filing date
of the application or within three months after
the date of entry of the national stage of a PCT
application as set forth in 37 CFR § 1.491.
- (c) [] as far as is known to the undersigned, is filed
before the mailing date of a first Office action
on the merits.

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Docket No. 23,128USA

- (d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$230) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.
- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

- (f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- (g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449 (Modified).

A copy of the items on PTO-1449 (Modified) is supplied herewith:

- (h) ☒ each (i) ☐ none (j) ☐ only those listed below:

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Docket No. 23,128USA

Those patent(s) or publication(s) which are marked with an asterisk (*) in the attached form PTO-1449 (Modified) are not supplied because they were previously cited by or submitted to the Office in a prior application Serial No. _____, filed _____ and relied upon in this application for an earlier filing date under 35 U.S.C. § 120.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

- (k) ☐ not given
- (l) ☐ given for each listed item
- (m) ☐ given for only non-English language listed item(s) [Required]
- (n) ☒ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

REMARKS REGARDING CITED ART

The Examiner is reminded that a "concise explanation of the relevance" of the submitted items "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention," MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is

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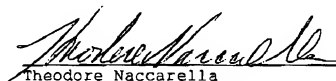
Docket No. 23,128USA

submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

[X] The Commissioner is hereby authorized to charge our Deposit Account No. 19-5425 for any fees required in connection with the filing of this Information Disclosure Statement. A duplicate copy of this Notice is enclosed for this purpose. In particular, in the event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named deposit account for any fees required pursuant to CFR §§ 1.17(p) or 1.17(i)(1).

Respectfully submitted,

Dated: 12.13.99


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Registration No. 33,023

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Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:) GAU: 2841
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M. Takada, H. Minoura,) Examiner: R. Beddering
H. Kobayashi, K. Tsukada)
and M. Kondo) INFORMATION DISCLOSURE
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Application No.: 09/380,994)
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Filed: September 13, 1999) 2600 Aramark Tower
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SAME)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service First Class Mail in an envelope addressed to: The Commissioner for Patents and Trademarks, Washington, D.C. 20331, on January 2, 2002.

The Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

/s/ Denise Grisack
Denise Grisack

Sir:

Applicants submit herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

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- (c) [] as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits.

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-4-

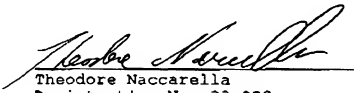
Docket No.23,128

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Respectfully submitted,

Dated: 1.02.02


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-2-

Docket No.23,128

- (d) ☒ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$230) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.
- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.
- (f) ☐ is filed before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. §1.114.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

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- (h) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

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Docket No.23,128

(i) ☒ each (j) ☐ none (k) ☐ only those listed below:

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[Required]
- (o) ☒ is in the form of an English language copy of a Search Report or other action from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

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In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to

Sheet 1 of 1

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No.		Application No.		
		23,128 USA		09/380,994		
		Applicant(s) M. Takada, H. Minoura, H. Kobayashi, K. Tsukada and M. Kondo				
		Filing Date September 13, 1999		Group 2841		
U.S. PATENT DOCUMENTS						
Examiner Initials		Document No.	Date	Name	Class	Subclass
	AA	5,636,104	June 3, 1997	Oh	361	777
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
FOREIGN PATENT DOCUMENTS						
Examiner Initials		Document No.	Date	Country	Translation	
					Yes	No
	AL	96-42902	December 21, 1996	Korean		X
	AM	EPO376100	July 4, 1990	EPO		X
	AN					
	AO					
	AP					
OTHER PUBLICATIONS (Including Author, Title, Date Pertinent Pages, Etc.)						
	AQ					
	AR					
	AS					
Examiner			Date Considered			